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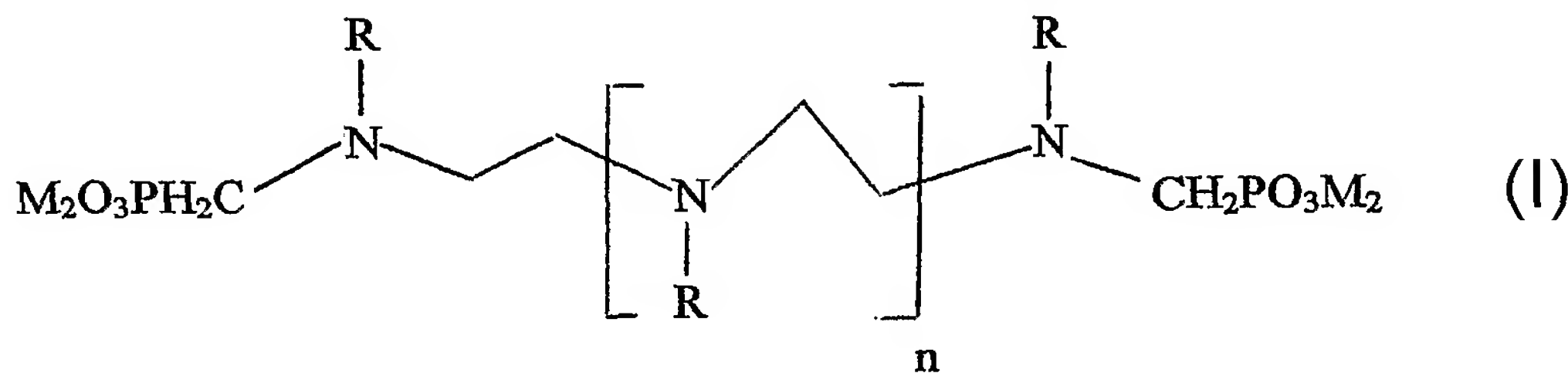
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(54) Title: USE OF POLYAMINOTHYLENEPHOSPHONATES AS DISPERSING AGENTS



(57) Abstract: Use of polyaminomethylenephosphonates as dispersing and/or wetting and/or stabilizing agents in formulations for cements, detergents, ceramic materials, dyes, synthetic resins, and rubbers, drilling fluids, reverse osmosis, as a substitution of or in combination with commercial products suitable for the purpose, characterized in that said polyaminomethylenephosphonates have the formula. (I) wherein n is integer higher than 2, M is hydrogen or a cation selected from those of alkaline metals and the ammonium, and the residues R, the same or different, are independently selected from 1. -CH₂PO₃M₂, 2.- CH₂R¹ with R¹ selected from -CH₂OH, -CHOHCH₃, -CHOHCH₂Cl, -CHOHCH₂OH, 3. -(CH₂)_mSO₃M, m being equal to 3 or 4, 4.- CH₂CH₂R² with R² equal to -CONH₂, CONH₂, -CHO, -COOR³, -COOX, CN, R³ being either -CH³ or -C₂H₅ and X a cation selected from the meanings of M and from the fact that said polyaminomethylenephosphonates are present in the formulation of interest in a weight quantity of over 0.01% with respect to the total weight of the formulation itself.

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